

# Bergen County



BERGEN

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# Alexander Cleaners

137 Broadway

Hillsdale Borough

Bergen County

**BLOCK:** 1102    **LOT:** 4

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Dry Cleaners  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 0.2 Acres

**SURROUNDING LAND USE:** Commercial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Confirmed

Soil

Volatile Organic Compounds

Partially Removed/Investigating

Air

Volatile Organic Compounds

Venting

## FUNDING SOURCES

Corporate Business Tax













## AMOUNT AUTHORIZED

\$104,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site was a dry cleaners between 1960 and 1996. It consists of a two story building and a paved parking lot. It is now a real estate office. In the mid-1990s the property owner conducted sampling that revealed soil and ground water at the site were contaminated with chlorinated volatile organic compounds. The primary contaminant was tetrachloroethylene (also known as perchloroethylene, or PCE), a dry cleaning solvent. The contaminated soil was found beneath the basement slab and the parking lot, both of which have been identified as areas where drums of solvent were previously stored. In 1996 the property owner agreed to investigate and clean up the contamination under a Memorandum of Agreement (MOA) with NJDEP's Responsible Party Remediation Element. The property owner removed 135 tons of contaminated soil from beneath the basement slab and parking area and conducted investigative work that revealed there was PCE product in the ground water below the building. Testing of the air in the basement in 1998, more than a year after the contaminated soil was removed, showed elevated PCE vapors. NJDEP terminated the MOA in 2001 after the property owner did not conduct further investigative or cleanup work.

NJDEP's Remedial Response Element has installed two sub-slab depressurization systems in the basement of the building to reduce PCE vapors in the indoor air. NJDEP will conduct ground water and soil vapor sampling and implement additional measures to reduce vapors in the building in 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Vapor Migration System					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

# Allendale Borough Water Department Well Field Contamination

New Street

Allendale Borough

Bergen County

**BLOCK:** 21.01 **LOT:** 4

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Not Applicable  
**OPERATION STATUS:** Not Applicable

**PROPERTY SIZE:** 10 Acres

**SURROUNDING LAND USE:** Residential

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

## FUNDING SOURCES

Corporate Business Tax








## AMOUNT AUTHORIZED

\$456,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

During the 1980s and 1990s the Allendale Water Department removed three of its five municipal supply wells from regular service due to the presence of volatile organic compounds above New Jersey Drinking Water Standards. Two of the supply wells were closed in the early 1980s and contamination was first detected in the third well in 1992. The primary contaminant in all three wells was tetrachloroethylene (also known as perchloroethylene, or PCE). The Allendale Water Department installed a temporary treatment system on the third well but used it only when it was needed to meet peak seasonal demand.

In 1996 NJDEP's Bureau of Safe Drinking Water notified Allendale Borough that it must either install permanent treatment systems on the contaminated wells or abandon them and obtain supplemental water supply from another source. NJDEP's Remedial Response Element completed a water supply alternatives analysis in 1998 that concluded the most cost-effective remedy was to install an air stripper at the well field to remove the volatile organic contamination. Allendale Borough completed construction of the air stripper in 1999 using funds provided by NJDEP and is operating and maintaining the system. Additional investigative work is planned to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Receptor Control (Air Stripper)				
		Planned		
		Underway		
		Completed		
		Not Required		

# Bergen County Sanitary Landfill

Fort Lee Road

Teaneck Township

Bergen County

**BLOCK:** Various **LOT:** Various

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Sanitary Landfill  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** Not Applicable

**SURROUNDING LAND USE:** Recreational/Residential/Commercial

## MEDIA AFFECTED

## CONTAMINANTS

## STATUS

Ground Water

Volatile Organic Compounds  
Pesticides  
Metals

Confirmed

Soil

Volatile Organic Compounds  
Pesticides  
Metals

Potential

Air

Methane

Confirmed

## FUNDING SOURCES

## AMOUNT AUTHORIZED

Corporate Business Tax

\$62,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The former Bergen County Landfill encompasses approximately 1,000 contiguous acres in the southern end of Bergen County within the Hackensack Meadows and extends across portions of Leonia, Ridgefield Park, Palisades Park, Teaneck and Englewood. The landfilled area is currently known as Overpeck Park and is named after Overpeck Creek, a navigable waterway that flows through the site in a north to south direction. The land adjacent to the creek was donated to Bergen County by the municipalities for use as a sanitary landfill in exchange for converting it into a public park after disposal activities were completed. Landfilling of municipal wastes began at the site in 1952 and continued until 1975. Portions of the landfilled area have been capped and redeveloped, including the Overpeck County Golf Course, Overpeck Office Park Center, the Ridgefield Ball Park section, the Aerodrome section, the Overpeck Riding Center and the Henry Hoeble Area. Bergen County has until 2006 to complete closure and redevelopment of the landfill into a park.

One portion of the landfill that has not yet been closed pursuant to New Jersey solid waste regulations and converted to public use is the Leonia section (also known as Area IV), located on the east side of Overpeck Creek and south of Fort Lee Road. Area IV encompasses approximately 75 acres and is mostly overgrown with dense brush, trees and other vegetation. NJDEP will conduct an Immediate Environmental Concern (IEC) Assessment at the site in 2004 to determine if any conditions exist that could present immediate threats to human health or the environment.

## PROJECT NAME RI/RAS DESIGN CONSTR O&M

Sitewide

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- ☐ Planned
- ☒ Underway
- ☐ Completed
- ☐ Not Required

# Burning Hollow Road Ground Water Contamination

Burning Hollow, Stone Wall and Cameron Roads

Saddle River Borough

Bergen County

**BLOCK:** Various **LOT:** Various

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Not Applicable  
**OPERATION STATUS:** Not Applicable

**PROPERTY SIZE:** Not Applicable

**SURROUNDING LAND USE:** Residential

## **MEDIA AFFECTED**

Ground Water

## **CONTAMINANTS**

Volatile Organic Compounds

## **STATUS**

Confirmed

Potable Water

Volatile Organic Compounds

Treating

## **FUNDING SOURCES**

Spill Fund

Corporate Business Tax









## **AMOUNT AUTHORIZED**

\$426,000

\$38,000

## **SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:**

Sampling conducted by the local health department and NJDEP's Remedial Response Element in 1995 identified 26 private potable wells in this residential development that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants are tetrachloroethylene (also known as perchloroethylene, or PCE) and trichloroethylene (TCE). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. The Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis for the site in 1995. Based on the findings, NJDEP concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes. NJDEP is periodically sampling private potable wells around the CKE to monitor ground water quality in the area. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required

# Grant Industries

125 Main Street

Elmwood Park Borough

Bergen County

**BLOCK:** 804      **LOT:** 6

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Chemical Manufacturing  
**OPERATION STATUS:** Active

**PROPERTY SIZE:** 1.0 Acre

**SURROUNDING LAND USE:** Residential/Industrial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Partially Removed/Delineating

Soil

Volatile Organic Compounds

Levels Not of Concern

## FUNDING SOURCES

Spill Fund

1986 Bond Fund

Corporate Business Tax

## AMOUNT AUTHORIZED

\$301,000

\$295,000

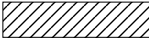
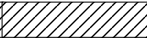



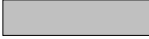






\$104,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Grant Industries has operated a chemical manufacturing plant at this site since 1967. It is approximately 1,000 feet from Garfield Borough's water supply wells, which are undergoing treatment to remove volatile organic compounds. Grant Industries has been identified as a Potentially Responsible Party for the contamination at the well field due to documented incidences of chemical spills and discharges between the mid-1970s and the early 1990s and volatile contamination in the ground water. LJ&M LaPlace Chemical Company (LaPlace Chemical) and the former Stor Dynamics facility, which are both adjacent to Grant Industries, have also been identified as Potentially Responsible Parties for the well field contamination.

In 1994 NJDEP's Remedial Response Element began a Remedial Investigation and Remedial Action Selection (RI/RAS) to delineate the contamination at the Grant Industries property, identify remedial alternatives and evaluate the facility's possible role in the contamination of the Garfield well field. A separate RI/RAS was conducted concurrently for the Stor Dynamics property. NJDEP determined there was no significant contamination in the soil at Grant Industries, but high levels of chlorinated volatile organic compounds were in the ground water at an area of the property adjacent to LaPlace Chemical. Between 2001 and 2002 NJDEP implemented a ground water Interim Remedial Measure (IRM) that entailed extracting ground water from a recovery well in the area of the Grant Industries property where high levels of contaminants were present and sending it off site for treatment and disposal.

In 2002 NJDEP completed the RI/RAS for the Grant Industries and Stor Dynamics sites and the Responsible Parties for LaPlace Chemical completed an RI/RAS for their facility. Additional rounds of ground water sampling are being conducted in preparation for selecting a final remedial action to address the contaminated ground water at all three sites. NJDEP plans to issue a Decision Document outlining the final remedial action to address the ground water in 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
IRM-Free Product Recovery					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

# LJ&M LaPlace Chemical Company

Leliarts Lane

Elmwood Park Borough

Bergen County

**BLOCK:** 804      **LOT:** 3

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Chemical Repackaging  
**OPERATION STATUS:** Active

**PROPERTY SIZE:** 1.6 Acres

**SURROUNDING LAND USE:** Residential/Industrial

## MEDIA AFFECTED

Ground Water

Soil

## CONTAMINANTS

Volatile Organic Compounds

Volatile Organic Compounds

## STATUS

Delineating

Confirmed

## FUNDING SOURCES

Corporate Business Tax

## AMOUNT AUTHORIZED

\$60,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

LJ&M LaPlace Chemical Company (LaPlace Chemical) has repackaged chemicals at this site since the 1940s. It is located approximately 1,000 feet from Garfield Borough's water supply wells, which are equipped with treatment systems to remove volatile organic contamination. LaPlace Chemical is identified as a Potentially Responsible Party for the contamination at the well field. Sampling has shown the ground water is contaminated with a variety of chlorinated and non-chlorinated volatile organic compounds, including trichloroethylene, tetrachloroethylene, xylene, benzene, and toluene. Sampling has also confirmed there are volatile organic compounds in the soil at the site, but the extent of this contamination has not determined.

Grant Industries and the former Stor Dynamics facility, both adjacent to LaPlace Chemical, have also been identified as Potentially Responsible Parties for the well field contamination and are undergoing investigation and cleanup by NJDEP's Remedial Response Element. The Remedial Response Element has determined that ground water contaminants from all three sites have commingled and are migrating as one plume to the municipal well field. NJDEP will issue a Decision Document outlining a plan to remediate contaminated ground water at all three sites in 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Ground Water					<input type="checkbox"/> Planned
Soil					<input type="checkbox"/> Underway
					<input type="checkbox"/> Completed
					<input type="checkbox"/> Not Required

# Route 17 & Pleasant Road Ground Water Contamination

## Route 17 & Pleasant Road & Lenape Trail

Upper Saddle River Borough

Bergen County

**BLOCK:** Various **LOT:** Various

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Not Applicable  
**OPERATION STATUS:** Not Applicable

**PROPERTY SIZE:** Not Applicable

**SURROUNDING LAND USE:** Residential

### MEDIA AFFECTED

Ground Water

### CONTAMINANTS

Trichloroethylene

### STATUS

Confirmed

Potable Water

Trichloroethylene

Treating

### FUNDING SOURCES

Spill Fund

Corporate Business Tax

### AMOUNT AUTHORIZED






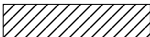






\$75,000

\$15,000

### SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted in 1999 during an investigation of a nearby gas station identified 11 private potable wells in this area that were contaminated with trichloroethylene (TCE) at levels exceeding the New Jersey Drinking Water Standard for this volatile organic compound. NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents. NJDEP's Responsible Party Remediation Element later determined that the gas station was not the source of the TCE contamination and no other possible sources have been found.

NJDEP's Remedial Response Element, the local health department and several residents subsequently conducted additional sampling that identified seven other private potable wells in the area that were contaminated with TCE and POET systems were also installed at these homes. The Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis for the site in 2003. The Remedial Response Element concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes, but Upper Saddle River Borough elected to extend public water lines to the area instead. NJDEP will provide the Borough with funds equal to the cost of monitoring and maintaining the POET systems for 20 years to help pay for the water lines. The Borough plans to begin installing the water lines in 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Receptor Control (Water Lines)					 Underway
					 Completed
					 Not Required



# Shorco South

130 Route 17 North

Mahwah Township

Bergen County

**BLOCK:** 129      **LOT:** 1

**CATEGORY:** Non-Superfund  
State Lead, IEC

**TYPE OF FACILITY:** Gasoline Service Station  
**OPERATION STATUS:** Active

**PROPERTY SIZE:** 2.2 Acres

**SURROUNDING LAND USE:** Commercial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Confirmed

Soil

Volatile Organic Compounds

Confirmed

## FUNDING SOURCES

Spill Fund

Corporate Business Tax

## AMOUNT AUTHORIZED

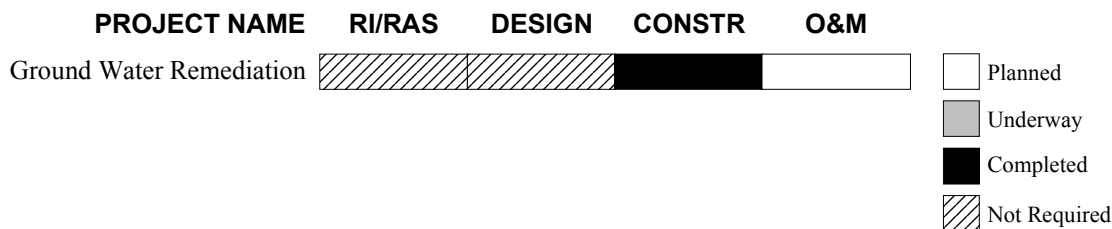
\$46,000

\$150,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Shorco South is an active retail gasoline and diesel filling station. It is across the highway from another Shorco service station, which is referred to as Shorco North. The Mahwah municipal well field is located approximately 2,500 feet hydraulically downgradient from both sites. Contamination was identified at the area in 1985, when utility workers discovered a petroleum discharge while excavating near Route 17. Investigations revealed the soil and ground water at both gas stations were contaminated with various petroleum-related volatile organic compounds, including benzene, toluene, ethyl benzene, xylene, methyl tertiary butyl ether (MTBE) and tertiary butyl alcohol (TBA). Potentially Responsible Parties for the Shorco South site conducted some investigative work and implemented several remedial actions with the oversight of NJDEP's Responsible Party Remediation Element, including removing leaking underground storage tanks and contaminated soil and installing a ground water remediation system. However, they did not complete a Remedial Investigation for the site or remediate the soil or ground water to NJDEP's cleanup standards.

NJDEP began addressing the Shorco South gas station with public funds in 2002. The primary concern is preventing contaminated ground water from reaching the public supply wells. NJDEP's Remedial Response Element plans to begin full operation the ground water remediation system at the Shorco South site in 2004. When operational, this system will also intercept contaminated ground water migrating from the Shorco North site. Recent sampling of monitor wells downgradient of the two gas stations has confirmed the ground water contamination plume has not reached the well field. Additional remedial actions may be required to fully address the contamination at the Shorco South site.



# Stor Dynamics Corporation

99 Main Avenue

Elmwood Park Borough

Bergen County

**BLOCK:** 3      **LOT:** 93

**CATEGORY:** Non-Superfund  
State Lead

**TYPE OF FACILITY:** Metal Products Manufacturing  
**OPERATION STATUS:** Inactive

**PROPERTY SIZE:** 1.0 Acre

**SURROUNDING LAND USE:** Residential/Industrial

## MEDIA AFFECTED

Ground Water

## CONTAMINANTS

Volatile Organic Compounds

## STATUS

Partially Removed/Delineating

Soil

Volatile Organic Compounds

Removed

## FUNDING SOURCES

Spill Fund  
1981 Bond Fund  
1986 Bond Fund  
Corporate Business Tax

## AMOUNT AUTHORIZED

\$283,000  
\$27,000  
\$623,000  
\$94,000

## SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Stor Dynamics manufactured industrial shelving units and conveyor systems at this site from 1965 to 1989. The facility is now vacant. It is approximately 1,000 feet from the Garfield Borough's water supply wells, which are undergoing treatment to remove volatile organic compounds. Stor Dynamics was identified as a Potentially Responsible Party for the contamination at the well field due to soil and ground water contamination at the facility. LJ&M LaPlace Chemical Company (LaPlace Chemical) and Grant Industries, both located adjacent to Stor Dynamics, have also been identified as Potentially Responsible Parties for the well field contamination.

Between 1985 and 1990 Stor Dynamics conducted several remedial measures to partially address the contamination at its property, including removing a 2,000 gallon underground gasoline storage tank and some contaminated surface soil, but the company declared bankruptcy before it could finish addressing the site. In 1994 NJDEP's Remedial Response Element began a Remedial Investigation and Remedial Action Selection (RI/RAS) to delineate the contamination, identify remedial alternatives and evaluate the facility's possible role in the contamination of the Garfield well field. A separate RI/RAS was conducted concurrently for the Grant Industries site. NJDEP determined that ground water at Stor Dynamics was contaminated with volatile organic compounds and the ground water plume extended beyond the boundaries of the property. NJDEP also determined that free product (non-dissolved) solvents were present in the aquifer underlying a portion of the site. In addition, the RI revealed that soil at Stor Dynamics was contaminated with volatile organic compounds. In 1999 NJDEP implemented an Interim Remedial Measure (IRM) to remove 760 tons of heavily contaminated soil from the site. Between 2001 and 2002 NJDEP implemented a ground water IRM that entailed extracting contaminated ground water from two recovery wells at the area of the Stor Dynamics property where the free product solvents were present and sending it off site for treatment and disposal.

In 2002 NJDEP completed the RI/RAS for the Stor Dynamics and Grant Industries sites and the Responsible Parties for LaPlace Chemical completed an RI/RAS for their facility. Additional rounds of ground water sampling are being conducted in preparation for selecting a final remedial action to address the contaminated ground water at all three sites. NJDEP plans to issue a Decision Document outlining the final remedial action to address the ground water in 2004.

